

# AADESH DAS

## Post-Graduate Teacher (PGT) of Computer Science (CS) and Artificial Intelligence (AI)

M.Sc. qualified educator with a strong academic foundation (pursuing B.Ed.) and unique industry experience. Skilled in delivering the CBSE curriculum (Python, Java, AI) and fostering STEM innovation through Atal Tinkering Labs (ATL). Proven capability in student development as a House Master, combining academic rigor with pastoral care.

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Kolkata, West Bengal

## EXPERIENCE

### PGT – Computer Science & AI

**Kaziranga English Academy (KEA)** - Affiliated to CBSE Board

Apr 2024 – Present

Guwahati, Assam

- Deliver comprehensive instruction in Artificial Intelligence (AI) and Information Technology (IT) to junior and senior classes, aligning the curriculum with CBSE standards.
- Facilitate Atal Tinkering Lab (ATL) sessions to foster STEM innovation, while simultaneously serving as a House Master, leading the house team to victory in multiple inter-house events.

### TGT – Computer Science

**Kamal Kumari Devi Model School (KKDMS)** - Affiliated to CBSE Board

Jul 2023 – Apr 2024

Raghunathganj, West Bengal

- Taught Information Technology (IT) to students up to Class X and successfully advocated for the transition from IT to Computer Science, updating the syllabus to align with modern standards.
- Played an integral role in the Examination Department, ensuring the smooth conduct and evaluation of school exams.

### Guest Faculty of Computer Science (Part-Time)

**Techno India Group - School of Management**

Aug 2023 – Jan 2024

Kolkata, West Bengal

- Instructed BBA students in practical applications of CS & IT (software development and programming concepts) and conducted specialized induction sessions on Cryptography and Computer Fundamentals.

### Digital and Process Excellence (DPEx) Intern

**Dr. Reddy's Laboratories**

Jan 2023 – Jun 2023

Hyderabad, Telangana

- Gained industry experience on the "Golden Tunnel" project, applying ML and Data Science standards to real-world manufacturing.

## PROJECTS

### Golden Tunnel – Industry Live Project | Python, ML, DataRobot

Developed ML and visualization models to optimize pharmaceutical batch manufacturing, preventing bad batches and improving product quality.

### Rescue App – Android Safety | Java, Python, ML, Firebase

Developed an app with AI-driven facial recognition and real-time location sharing, integrating Python scripts for backend logic.

### Easy Vote – Web-Based Voting Platform | HTML, CSS, PHP

Built a secure voting portal with admin authentication, demonstrating Front-end design and Server-side scripting skills.

## EDUCATION

### Bachelor of Education (B.Ed.)

**Baba Saheb Ambedkar Education University (BSAEU)**

Kolkata

Jul 2025 – Jun 2027

Pursuing

### M.Sc. in Computer Science

**Ramakrishna Mission Vivekananda Educational & Research Institute (RKMVERI)**

Belur, Howrah

Jul 2021 – Jun 2023

CGPA – 6.940

### B.Sc. in Computer Science

**University of Calcutta (CU)**

Kolkata

Jul 2018 – Jun 2021

CGPA – 7.924

### Higher-Secondary (ISC)

**St. Jude's High School**

Madhyamgram

2018

Percentage – 70.50%

### Secondary (ICSE)

**National Model School**

Sodepur

2016

Percentage – 73.67%

## SKILLS

### Programming and Web:

- Languages: Python, Java, C/C++, PHP.
- Web: HTML5, CSS3, MySQL.

### Core CS & Data Science:

- Core Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), DBMS.
- Advanced Tech: ML, AI, Data Analytics, Cyber-Security.

### Pedagogy & Innovation:

- Teaching: NEP 2020 Implementation, Curriculum Design, Competency-Based Education, LMS.

- Lab & Strategy: ATL Facilitation, Project-Based Learning, Classroom Management.

### Creative:

- Graphic Design, Video & Audio Editing.

## LANGUAGES KNOWN

Bengali (Native)

English

Hindi

Assamese (Learning)